

IN THE CLAIMS:

Please cancel claims 17, 18, 24 and 27, and amend claims 15, 16, 19, 20, 25, 26, as follows:

1. (Cancelled)
2. (Previously Presented) A process according to claim 20 wherein at least one wear layer is arranged on top of the decor layer in order to increase the wear resistance, that the at least one wear layer is arranged between the decor layer and the press plate or press foil during the lamination procedure.
3. (Previously Presented) A process according to claim 2 wherein the wear layer comprises at least one overlay paper which is impregnated with melamine-formaldehyde resin before the lamination procedure.
4. (Previously Presented) A process according to claim 3 wherein the at least one overlay paper further comprises hard particles with an average particle size in the range 50 nm - 150 μ m.
5. (Previously Presented) A process according to claim 4 wherein the uppermost surface of the overlay paper facing the press plate or press foil is provided with hard particles with an average particle size in the range 50 nm - 30 μ m.
6. (Previously Presented) A process according to claim 20 wherein the base layer comprises a particle board or a fibre board.
7. (Previously Presented) A process according to claim 20 wherein the base layer comprises a particle board or a fibre board with at least one base paper layer arranged thereon, the base paper layer being impregnated with a thermosetting resin selected from the group consisting of melamine-formaldehyde, phenol-formaldehyde, urea-formaldehyde and combinations thereof.
8. (Cancelled)
9. (Previously Presented) A process according to claim 20 wherein the decor layer

has a longitudinal and a latitudinal direction, and that the decor layer contains longitudinal rows of longitudinally arranged panels.

10. (Previously Presented) A process according to claim 20 wherein the decor layer has a longitudinal and a latitudinal direction, and that the decor layer contains longitudinal rows of latitudinally arranged panels.

11. (Previously Presented) A process according to claim 9 wherein the panels have a rectangular shape.

12. (Original) A process according to claim 9 wherein the panels have a square shape.

13. (Previously Presented) A process according to claim 20 wherein the position indicator is selected from the group consisting of color dots, color lines, grid patterns, holes, code lines, indentations, that said positioning means are arranged in a predetermined relation to the decor sections.

14. (Previously Presented) A process according to claim 8 wherein the positioning indicator is selected from the group consisting of color dots, color lines, grid patterns, holes, code lines, indentations, that said positioning means are arranged in a predetermined relation to the decor sections.

15. (Currently Amended) A process according to claim 20 wherein the ~~positioning indicator is detected by the another camera~~ used for positioning of the press plates or press foils, and ~~that the same positioning indicator is also used for machining at least the edge of the decorative board.~~

16. (Currently Amended) A process according to claim 15 wherein the panels are provided with joining elements at the edges, that ~~[[the]]~~ a positioning indicator is used to accurately guide the ~~milling~~ machining of the edges, and thereby also the position of the joining element in relation to the decor.

17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) A process according to claim ~~[[18]]~~ 20 wherein alignment evaluation data of the control computer is used by a computer for calculating statistical

process guiding of the positioning of the press plates or press foils prior to the lamination step.

20. (Currently Amended) ~~In a~~ A process for the manufacture of a decorative board with joining edges; said process comprising
providing a décor layer and at least one paper layer impregnated with a thermosetting resin on a base layer;
using a first camera array to detect position of décor sections on the décor layer;
generating a first data input, using said first data input to accurately guide positioning of a press plate or press foil on top of the décor layer;
laminating the décor layer, paper layer and base ~~into~~ onto the board layer under heat and pressure to obtain a laminated board with surface structure in register with the décor sections of the décor layer;
machining at least an edge of the board, ~~the improvement comprising providing a position indicator on the décor layer;~~
~~detecting a position~~ the quality of a décor section on the décor layer of the laminated board with a second camera array by sensing a color with at least one color camera and by sensing the surface structure with at least one reflection camera and comparing the data input from the color camera and reflection camera in a control computer for evaluation of alignment between décor and surface structure ~~positioning indicator on the décor layer with a first camera;~~
sending data obtained from the first camera to a computer; and
utilizing the computer to guide a tool to machine an edge of the board.
21. (Previously Presented) The process of claim 20 where the machining is milling and the tool is a milling tool.
22. (Previously Presented) The process of claim 20 when the machining is cutting and the tool is a cutting tool.
23. (Previously Presented) The process of claim 22 further comprising milling by the use of a milling tool.
24. (Cancelled)
25. (Currently Amended) The process of claim 20, ~~wherein further comprises utilizing another camera to detect the position of a décor section on the décor layer and~~ the guiding of the press foil is in a longitudinal direction through tension control.

26. (Previously Presented) The process of claim 25, further comprising adjusting the latitudinal position of the press foil.

27. (Cancelled)